

Converting Colors

HunterLab(59.7073, -31.1345,
20.8864)

Have a look what the booklet for
HunterLab(59.7073, -31.1345,
20.8864) contains.

HunterLab(59.6803, -31.2449, 20.9987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(59.6803,
-31.2449, 20.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	69B170
RGB	105, 177, 112
RGB Percent	41%, 69%, 44%
CMY	0.5882, 0.3059, 0.5608
CMYK	0.41, 0.00, 0.37, 0.31
HSL	126°, 32%, 55%
HSV	126°, 41%, 69%
XYZ	24.4725, 35.6174, 20.9143
YIQ	148.0620, -22.0470, -35.4790

Conversions

Conversions Part 2

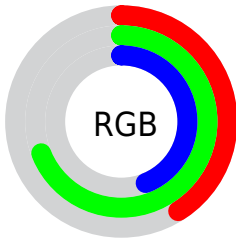
Format	Color
RYB	105, 171, 177
Decimal	6926704
CIELab	66.23, -36.34, 26.37
CIELCh	66, 44.899, 144.026
Yxy	35.6189, 0.3021, 0.4397
Android (android.graphics.Color)	4285116784 (0xFF69B170)
YUV	148.0620, -17.7786, -37.7654
Hunter-Lab	59.6803, -31.2449, 20.9987

Details

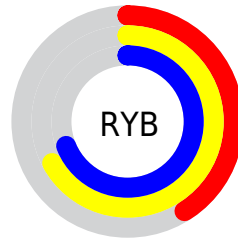
The HunterLab color $59.6803, -31.2449, 20.9987$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47.2792, 32.1853, -17.9962$, and the grayscale version is $54.5204, -2.9091, 2.9622$.

A 20% lighter version of the original color is $82.6614, -36.3893, 25.1068$, and $39.3754, -25.7455, 16.7312$ is the 20% darker color. If you saturate the color by 10%, you get $58.5930, -36.1441, 24.2684$, and if you desaturate by 10%, it is $60.9858, -25.5220, 17.2844$.

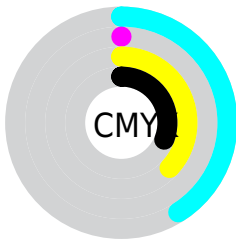
Distribution



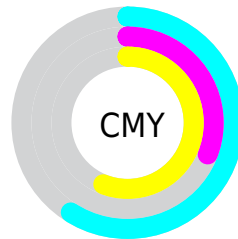
- Red (41%)
- Green (69%)
- Blue (44%)



- Red (41%)
- Yellow (67%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (59%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.6803, -31.2449, 20.9987 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 59.6803, -31.2449, 20.9987 by changing the saturation by 10% instead.

■ 59.6803, -31.2449,
20.9987

■ 59.6803, -31.2449,
20.9987

180.9120,
-52.5625, 38.2851

■ 49.1325, -28.5370,
18.8604

■ 82.7305, -36.3572,
25.0702

■ 39.2906, -25.6853,
16.6230

■ 95.1619, -38.8001,
27.0323

■ 30.2109, -22.6422,
14.2522

■ 108.1602,
-41.1866, 28.9595

■ 21.9639, -19.3313,
11.6969

■ 121.7017,
-43.5268, 30.8593

■ 14.6439, -15.6254,
9.7966

135.7654,
-45.8286, 32.7374

■ 8.3033, -14.5307,
5.8123

150.3327,

0.0000, NaN, NaN

-48.0985, 34.5987

0.0000, NaN, NaN

165.3867,
-50.3417, 36.4469

0.0000, NaN, NaN

■ 59.6803, -31.2449,
20.9987

■ 59.6803, -31.2449,
20.9987

■ 58.5930, -36.1441,
24.2684

■ 60.9858, -25.5220,
17.2844

■ 57.7172, -40.1741,
27.0569

■ 62.5048, -19.0353,
13.1684

■ 57.0473, -43.3200,
29.3428


■ 64.2348, -11.8621,
8.7014


■ 56.5714, -45.5984,
31.1204


■ 66.1696, -4.0855,
3.9356


■ 56.2718, -47.0644,
32.4027


■ 68.3012, 4.2098,
-1.0780

 56.1131, -47.8553,
33.1693

 70.6205, 12.9423,
-6.2913

 73.1176, 22.0366,
-11.6615

 75.7822, 31.4251,
-17.1509

 77.4117, 37.4982,
-24.1034

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.6816, -18.0609, 27.9441



59.6803, -31.2449, 20.9987



59.6816, -36.8400, 6.9342

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6816, -31.2459, 20.9992



59.6816, -7.1400, -45.8295



59.6816, 36.1825, 16.3135

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.6803, -31.2449, 20.9987



47.2792, 32.1853, -17.9962

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.6816, 40.1084, -0.6881



59.6803, -31.2449, 20.9987



59.6816, 13.3018, -40.7891

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6816, -31.2459, 20.9992



59.6816, -24.1515, -34.6170



59.6816, 31.2559, -22.5024



59.6816, 21.1403, 25.9289

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6803, -31.2449, 20.9987



59.6816, -36.1207, -6.3216



59.6816, 31.2559, -22.5024



59.6816, 38.9221, 11.4569

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.6816, -31.2459, 20.9992



85.5903, -17.3946, 12.5847



64.1279, -14.6122, 26.9029



39.7044, -8.6746, 6.2161



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6816, -31.2459, 20.9992



78.5231, -47.8621, 32.1330



60.4613, -26.6403, 9.7196



30.8271, -5.1841, 3.8595



47.7667, -40.7048, 28.1658



8.4986, -7.0593, 4.6165

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.2792, 32.1853, -17.9962



58.7921, 53.6821, -30.1162



46.0437, 26.2563, -0.6854



29.3806, 2.1310, -0.6576



29.3443, 56.5182, -29.6057



5.2443, 10.1622, -5.7672

Previews

White Background



This preview shows how the HunterLab color 59.6803, -31.2449, 20.9987 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.6803, -31.2449, 20.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

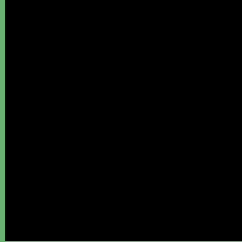
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.6803, -31.2449, 20.9987 Background



This preview shows how black text looks on a background with the HunterLab color 59.6803, -31.2449, 20.9987.



This preview shows how white text looks on a background with the HunterLab color 59.6803,

-31.2449, 20.9987.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.6803, -31.2449, 20.9987

Protanopia

59.2960, -5.7034, 23.0749

Deuteranopia

59.1726, 4.5548, 19.6786



Tritanopia

59.4177, -13.6944, -7.7877

Trichromacy



Original Color

59.6803, -31.2449, 20.9987

Protanomaly

58.9446, -16.1286, 21.7686

Deuteranomaly

58.6936, -10.5256, 19.5980

Tritanomaly

59.2769, -20.6588, 4.2592

Monochromacy



Original Color

59.6803, -31.2449, 20.9987

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

56.0813, -14.4737, 10.0705

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.6803, -31.2449, 20.9987 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(105, 177, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 177, 112)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(105, 177, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 177, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 59.6803, -31.2449, 20.9987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 177, 112) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(105, 177, 112) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(105, 177, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 177, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 177, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 177,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.6803, -31.2449, 20.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 177, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(105,  
177, 112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor